

## Claims

- [c1] 1. We claim a trans-dermal delivery composition comprising, in a liquid, between .01 % and 1 % methyl nicotinate by weight and between .01 % and 5 % by weight of vitamins, minerals and amino acids, selected from the group consisting of: pyridoxal-5-phosphate, nicotinic acid, copper, 3-aminopropionic acid (beta alanine), histidine, alpha lipoic acid, carnosine.
- [c2] 2. We claim a composition according to claim 1 further comprising between 1% and 50%, by weight in said liquid selected from the group consisting of medium chain triglycerides, phosphatidyl choline, glycerol, polysorbate 80, propylene glycol.
- [c3] 3. We claim a composition according to claim 1 wherein said liquid is comprised of water.
- [c4] 4. We claim a composition according to claim 3 wherein said liquid is further comprised of alcohol.
- [c5] 5. We claim a skin application substance comprising, in a liquid, between .01 % and 1 % methyl nicotinate by weight and between .01 % and 5 % by weight of vitamins, minerals and amino acids, selected from the group con-

sisting of: pyridoxal-5-phosphate, nicotinic acid, copper, 3-aminopropionic acid (beta alanine), histidine, alpha lipoic acid, carnosine.

- [c6] 6. We claim a skin application substance according to claim 5 further comprising between 1% and 50%, by weight in said liquid selected from the group consisting of medium chain triglycerides, phosphatidyl choline, glycerol, polysorbate 80, propylene glycol.
- [c7] 7. We claim a skin application substance according to claim 5 wherein said liquid is comprised of water.
- [c8] 8. We claim a skin application substance according to claim 7 wherein said liquid is further comprised of alcohol.
- [c9] 9. We claim a medicating composition for dermal application comprising, in a liquid, between .01 % and 1 % methyl nicotinate by weight and between .01 % and 5 % by weight of vitamins, minerals and amino acids, selected from the group consisting of: pyridoxal-5-phosphate, nicotinic acid, copper, 3-aminopropionic acid (beta alanine), histidine, alpha lipoic acid, carnosine.
- [c10] 10. We claim a medicating composition for dermal application according to claim 9 further comprising between 1% and 50%, by weight in said liquid selected from the

group consisting of medium chain triglycerides, phosphatidyl choline, glycerol, polysorbate 80, propylene glycol.

[c11] 11. We claim a medicating composition for dermal application according to claim 9 wherein said liquid is comprised of water.

[c12] 12. We claim a medicating composition for dermal application according to claim 11 wherein said liquid is further comprised of alcohol.